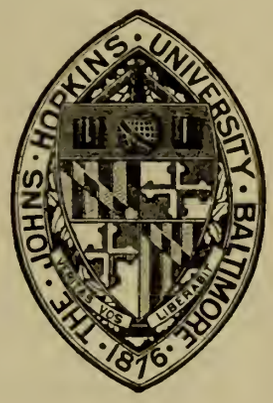
139

THE JOHNS HOPKINS UNIVERSITY
BALTIMORE

CONFERRING OF DEGREES

AT THE CLOSE OF THE SIXTY-FIFTH ACADEMIC YEAR

JUNE 3, 1941



IN THE LYRIC THEATRE

AT 11 A. M.

MARSHALS

Chief Marshal

Professor William O. Weyforth

Aids

Dr. G. Heberton Evans
Dr. Ronald T. Abercrombie
Dr. Howard E. Cooper
Mr. Myrick W. Pullen
Dr. Lawrence Riggs
Dr. W. Halsey Barker
Dr. Gilbert F. Otto
Dr. Sidney Painter

USHERS

Chief Usher

Donald Hurst Wilson, Jr.

Aids

Thomas Worthington Brundige III
Winston Truehart Brundige
Howell Corbin Gwaltney, Jr.
Wilson Ridgely Haines
John Clagett Nuttle
John Lauchheimer Rosenthal
Walter William Stauffen
Leslie Stewart Wilson, Jr.
Oliver Parry Winslow, Jr.

MUSIC

The program is under the direction of Philip S. Morgan of the Johns Hopkins Musical Association and is presented by the Johns Hopkins Orchestra, Bart Wirtz conducting. The orchestra was founded and endowed in 1919 by Edwin L. Turnbull, of the Class of 1893, for the presentation of good music in the University and the community.

ORDER OF EXERCISES

I

ACADEMIC PROCESSION

Marche Militaire—*Schubert*

Coronation Marche—*Meyerbeer*

II

INVOCATION

The Reverend JOHN T. GALLOWAY

Minister, Roland Park Presbyterian Church

III

ADDRESS

President ISAIAH BOWMAN

IV

CONFERRING OF DEGREES

Bachelors of Arts, presented by Dean BERRY

Bachelors of Engineering, presented by Dean KOUWENHOVEN

Bachelors of Science in Economics, presented by Professor WEYFORTH

Bachelors of Science, presented by Professor BAMBERGER

Master of Education, presented by Professor BAMBERGER

Doctors of Education, presented by Professor BAMBERGER

Master of Engineering, presented by Professor WHITEHEAD

Doctors of Engineering, presented by Professor WHITEHEAD

Masters of Science in Hygiene, presented by Dean REED

Doctors of Science in Hygiene, presented by Dean REED

Masters of Public Health, presented by Dean REED

Doctors of Public Health, presented by Dean REED

Doctors of Medicine, presented by Dean CHESNEY

Masters of Arts, presented by Professor ROBINSON

Doctors of Philosophy, presented by Professor ROBINSON

V

CONFERRING OF COMMISSIONS IN THE OFFICERS' RESERVE CORPS

Lieutenant Colonel LAWRENCE J. I. BARRETT

VI

Contredanses—*Beethoven*

VII

CONFERRING OF HONORARY DEGREE

VIII

PRESENTATION

Portrait of

The late Dr. EDWIN GREENLAW, William Osler Professor of English Literature

BY

LEO STEPPAT

Professor RAYMOND D. HAVENS

IX

ANNOUNCEMENTS

X

BENEDICTION

XI

Semper Fidelis—*Sousa*

The audience is requested to remain standing after the benediction until the faculty has left the hall

CANDIDATES FOR DEGREES

BACHELORS OF ARTS

Harry Wallace Baldwin, of Maryland
Edgar Philip Bang, of New York
Samuel Berlin, of Maryland
Isadore A. Bernstein, of Maryland
Thaddeus Louis Bialek, of Maryland
Abraham Solomon Buchberg, of New Jersey
Emmett Loren Buhle, of Illinois
Frank Henry Butt, Jr., of Pennsylvania
Sidney Checket, of Maryland
John Collinson, of Maryland
Charles Eugene Danner, Jr., of Maryland
Erbert William D'Anton, of New Jersey
Jasper Wesley Davis, of Montana
Carlo Peter DeAntonio, of Pennsylvania
Murray Wilder Dewart, of Maryland
Victor Marcel Dochez, of Indiana
John James Driscoll, of New York
William Henry Eberhardt, of New Jersey
Williams H. Edwards, Jr., of Maryland
Eugene Victor Erskine, of New York
Edward Leon Exler, of Maryland
William Adolph Feder, of New York
Maurice Feldman, Jr., of Maryland
Bernard Frank Fetter, of Maryland
William Joseph Fetter, of Maryland
Paul Flam, of Maryland
Louis Fehsenfeld Forster, of Maryland
Leon David Freedman, of Maryland
Perry Futterman, of Maryland
Louis Francis Garben, of New York
Herbert Julian Goldsmith, of Maryland
Marvin Goldstein, of Maryland
Carlos Gonzalez R., of Mexico
Arnold Goodovitch, of New York
Richard Harmison Green, of Maryland
George Herbert Greenstein, of Maryland
James Edwin Hackett, Jr., of Maryland
Cornelius Ham, Jr., of Maryland
Walter Raymond Hampe, of Maryland
Robert Carl Hartmann, of Washington
John Frederick Hawkins, Jr., of Maryland
James Peter Heron, of Tennessee
John William Higham, of New York
Robert Adolph Hildebrandt, of Maryland
Charles Frederick Hobelmann, of Maryland
Elmer Hoffman, of Maryland
Jonathan Buxton Horrell, of Maryland
Henry Alston Jeffers, Jr., of Maryland
Roy Joffe, of Ohio
Charles Cookman Johnson, of Maryland
Henry Everett Jones, of Maryland
David Kahn, of Massachusetts
Robert Lee Keyser, Jr., of Maryland
Bennett Klavan, of Maryland
Herbert Leo Kleinfield, of Florida
Herman Levin, of Maryland
Milton Levine, of Maryland
Abraham Morris Lilienfeld, of Maryland
George Cameron Mackenzie, of New York
William Harrison Maisel, of Maryland
Thomas Watkins McElhiney, of Maryland
John Philip Melvin, of Maryland
Harry Aburn Mencke, of Maryland
Eugene E. Mihalyka, of Hungary
John Herbert Miller, of New York
Joseph Douglas Mitchell, of Maryland
Martin Alan Mitnick, of Maryland
Francis Dominic Murnaghan, Jr., of Maryland
Leonard Sydney Naurison, of Massachusetts
George Barton Newton, Jr., of Ohio
Edwin J. Oppenheimer, of New York
Robert Tarbert Parker, of Maryland
Sidney George Piness, of New Jersey
Peter John Prevas, of Maryland
Alfred Pruce, of Maryland
Richard Brown Pue, Jr., of Maryland
Robert Melvin Radford, of Maryland
Zoel Mathew Radner, of Massachusetts
Arthur Herbert Randelman, of New Jersey
Edmé Régnier, of Massachusetts
Ellis Rivkin, of Maryland
Howard Thomas Robinson, Jr., of Maryland
Lawson L. Rosenberg, of Maryland
William Jay Rosenthal, of Maryland
Louis L. Rostov, of Maryland
Seymour Raymond Rubin, of Florida
Edward Kinzel Russell, of Arkansas
Seymour Sandberg, of New York
Louis Herbert Schwartzman, of Maryland
Maurice Ansel Shapiro, of Palestine
Bernard Lewis Sheer, of New York
Henry Gerard Frederick Seems, of Maryland

Arthur B. Sincoff, New York
Carl Thomas Speck, Jr., of Tennessee
Melchijah Spragins, of Maryland
Alan Porter Sullivan, Jr., of New Jersey
John Henry Sullivan, of Maryland
J. A. Wade Thomas, Jr., of Maryland
Walter Traugott, of Switzerland
Thomas Richard Ulshafer, of Pennsylvania
Lee Wiegand Wagner, of Maryland
Richard Ludwig Wagner, of Maryland
Bernard Mortimer Wall, of Florida
Eugene Wallman, of Florida
Edward Wasserman, of New York
Frederick William Wood, II, of Maryland
Irving Yudkoff, of New York
Joseph James Zavertnik, of New Jersey

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GRADUATING WITH HONOR

William Henry Eberhardt, of New Jersey
Leon David Freedman, of Maryland
John William Higham, of New York
Ellis Rivkin, of Maryland
Edward Kinzel Russell, of Arkansas
Carl Thomas Speck, Jr., of Tennessee
Richard Ludwig Wagner, of Maryland

BACHELORS OF ENGINEERING

John William Lilly Smith Bateman, of Maryland
George Jackson Bauer, of Maryland
Charles Barham Bechtel, of Maryland
Roger Hilleary Bell, Jr., of Maryland
John Lowell Bennett, of Maryland
Joseph George Bilek, of Maryland
Gerson Bonnett, of Maryland
Joshua Shelton Bowen, Jr., of Maryland
Warren Webster Bunker, of Maryland
Ralph Allan Carey, of Maryland
Benjamin Edward Carroll, of Maryland
Robert Daniel Case, Jr., of Maryland
Harry Robert Dischinger, of Maryland
George D. Dobler, of Maryland
Morris Joseph Ehrlich, of Maryland
Louis Mohr Euler, of Maryland
Ray Clinton Faught, Jr., of Maryland
Robert Edward Gosnell, of Maryland
Philip Simms Gwynn, of Maryland
Howard Simpson Hall, of Maryland
Elmer Frederick Hansen, of Maryland
Donald Aden Hayes, of Maryland
George Francis Healy, of Maryland
Wray Middleton Hoffman, of Maryland
George Wiley Holton, of Maryland
Albert Henry Homburg, Jr., of Maryland
Frederick Charles Jones, of Maryland
Louis Kruger Kaiser, of Maryland
Frederick Rippel Knoop, Jr., of Maryland
Joseph Talbot Kummer, of Maryland
Norton Joseph Levenson, of Maryland
Harry Levin, of Maryland
Alfred Machis, of Maryland
Theodore Henry Matthieiss, Jr., of Maryland
Kenneth Armstrong McCord, of Maryland
William Shawen McLean, of Maryland
Eugene Avery Melvin, of Maryland
John Thomas Moore, III, of Maryland
Peter George Olson, of Maryland
Joseph Ambrose O'Neill, of Maryland
Sterling Evans Purnell, of Maryland
John Monfort Remsen, of Maryland
William Tecumseh Sackett, Jr., of Maryland
Robert Edwin Shreeve, of Maryland
William Henry Newnam Shure, of Maryland
Bernard Siegel, of Maryland
Thomas Wolbert Smith, of Maryland
Milton John Szulinski, of Maryland
Irvin Conrad Tillman, of Maryland
Neal Abbey Truslow, of Maryland
Robert Newton Wachter, of Maryland
Eugene Poultney Waters, of Maryland
Howard Rodney Weaver, Jr., of Maryland
Eli Weinstein, of Maryland
Renoux Weller, of Maryland
William Henry Wetzler, of Maryland
Marvin Whitmore, of Maryland
Louis Witten, of Maryland
Albert Carl George Zink, of Maryland

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GRADUATING WITH HONOR

Gerson Bonnett, of Maryland
Joseph Talbot Kummer, of Maryland
John Thomas Moore, III, of Maryland
Louis Witten, of Maryland

BACHELORS OF SCIENCE IN ECONOMICS

Lawrence Abrams, of Maryland
Harold Clausen, of Maryland
John Claggett Doub, of Maryland
Robert William Eager, of Maryland
John Hanson Ensey, II, of Maryland
Leonard Forman, of Maryland
Maurice Glazer, of Maryland
Alan Lee Greenblatt, of Maryland
Carrol Hament, of Maryland
Allan Thurman Hirsh, Jr., of Maryland
Jacob D. Hornstein, of Maryland
Thomas Hughes, Jr., of Maryland
Joel Jaffe, of Maryland
James Kenneth Luntz, of Ohio
Sol Oidick, of Maryland
Edward Gordon O'Neill, of Maryland
George Edwin Owens, of Maryland
George Dobbin Penniman, III, of Maryland
Harrison Robins, III, of Maryland
George McKendree Rowan, of Maryland
Edward Simeon Rubin, of Florida
John C. Tolson, Jr., of Maryland
John Oswald Weyforth, of Maryland

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GRADUATING WITH HONOR

Carrol Hament, of Maryland

BACHELORS OF SCIENCE

Edna Mildred Abramson, of Maryland
Charles Grover Albrecht, of Maryland
Ruth Elizabeth Allen, of Maryland
Charles Ayres Baker, of Maryland
Frances Marian Bennett, of Maryland
Lorraine Berlin, of Maryland
Conant VanBlarcom Blake, of New York
Richard Bertram Brenner, of Maryland
Albert Hendley Brookes, of Maryland
Ruth Bennett Buettner, of Maryland
Mary Catherine Loretta Casey, of Maryland
Marie Catherine Chittick, of Maryland
Irving Cooperstein, of Maryland
Sally Louise Cornell, of New York
Charles Edwin Couchman, Jr., of Maryland
Emory Augustin Coughlin, Jr., of Maryland
Mary S. Crook, of Pennsylvania
Agnes Virginia Delaney, of Maryland
Betty Spring Dryden, of Maryland
Dorothy A. Dubel, of Maryland
Jacob Epstein, of Maryland
Hilda Molly Farbman, of Maryland
Margaret May Federline, of Maryland
Louis Morgan Fitzell, of Maryland
Martha J. Fleagle, of Maryland
Helen O. Gains, of Maryland
Elizabeth Eleanor Gardiner, of Maryland
Herman Paul Gay, of Maryland
Charles Goetz, Jr., of Maryland
Eva Biddison Grover, of Maryland
Gale Lorraine Hodson, of Maryland
Morris Joseph Hoffman, of Maryland
Julia Fowler Hoopper, of Maryland
Hollis Hughes Hopkins, Jr., of Maryland
John Paul Horn, of Maryland
Virginia Lee Jansen, of Maryland
Ruth Elizabeth Jones, of Delaware
Julia Marie Kelly, of Maryland
Garland Rutter Kerr, of Maryland
Sophia Amelia Leutner, of Maryland
Florence Levitt, of Maryland
Sara Isabel Lynch, of Maryland
William Andrew Martinek, of Maryland
Robert Donald McDorman, of Maryland
Sarah Frances McGinity, of Maryland
Florence Hayman Messner, of Maryland
Froma Meyer, of Maryland
Gladys May Milton, of Maryland
Chrysoula Morphopoulos, of Maryland
Mary Walton Munro, of New Jersey
Frederick A. Pazdera, of Maryland
Sister Mary Ann Francis Peach, of the District of Columbia
Jessie Perlman, of Maryland
Marie Louise Pittenger, of Maryland
Samuel David Radoff, of Maryland
John Anthony Radziszewski, of Maryland
Ernest William Rau, of Maryland
Rosalie Rodgers Click Ream, of Maryland
Sara Manly Reese, of Maryland
Edward Frederick Reich, of Maryland
Doris Odelia Reinhold, of Maryland
Maxime E. Ribakow, of Maryland
Margaret Marie Rohrbaugh, of Maryland

Manuel William Rosen, of Maryland
Edgar Elwood Ruff, of Maryland
Sarah Saperstein, of Maryland
Harriet Hirsh Scharogrodsky, of Maryland
Morton Setzer, of Maryland
Eleanor R. Shank, of Maryland
Arthur S. Shapiro, of Maryland
Marguerite Louise Simmons, of Maryland
Laura Elizabeth Smuck, of Maryland
Maria F. R. Tillery, of Maryland
Irene Pool Tousignan, of Maryland
Julien Herman Turk, of Maryland
John Linck Ulrich, Jr., of New Jersey
Edith Marian Waxman, of Maryland
Laura Marie Wells, of Maryland
Marcia Leona Parks Werner, of Maryland
Franklin Whitaker Williams, of Maryland
Wilfred Joseph Wolfson, of Canada

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GRADUATING WITH HONOR

Irving Cooperstein, of Maryland
Agnes Virginia Delaney, of Maryland
Marguerite Louise Simmons, of Maryland
Laura Marie Wells, of Maryland

MASTER OF EDUCATION

WITH TITLE OF ESSAY

Gertrude Ada Young, of Maryland, B.S. The Johns Hopkins University 1930.
The influence of motion pictures upon reading.

(1)

DOCTORS OF EDUCATION

WITH TITLES OF DISSERTATIONS

Leah Kathryn Dice, of Maryland, B.S. The Johns Hopkins University 1938.
An experimental study of two methods of teaching beginning reading: the direct versus the preparatory approach.

Elmore Curt Walther, of Maryland, A.B. University of Cincinnati 1912; M.A. Columbia University 1922.
A study of participation in discussion as a factor in the learning of factual materials in social subjects.

Sister Robertine Weiden, of Maryland, A.B. St. Joseph's College for Women, 1923; M.A. Fordham University 1927.
The effect of checked directed study upon achievement in 9th grade algebra.

(3)

MASTER OF ENGINEERING

WITH TITLE OF ESSAY

Abraham Morris Wallach, of New Jersey, B.S. in Chem. Engr. New York University 1935. Civil Engineering.
Treatment of distillery wastes.

(1)

DOCTORS OF ENGINEERING

WITH TITLES OF DISSERTATIONS

George Sidney Eager, of Maryland, B.E. The Johns Hopkins University 1936. Electrical Engineering.
A. C. losses in dielectrics as related to the return voltage curve.

Alfred Greenlees Ennis, of Virginia, B.S. University of Pennsylvania 1928; M.S. Massachusetts Institute of Technology 1930. Electrical Engineering.
The effect of current distortion on the registration of single phase watthour meters.

Walter Hixon MacWilliams, of Washington, B.E. The Johns Hopkins University 1936. Electrical Engineering.
Oxygen and stress in impregnated paper.

Charles William Perry, of New Jersey, B.S. Northeastern University 1934; M.S. Massachusetts Institute of Technology 1935. Chemical Engineering.
Heat transmission to boiling pure and mixed liquids.

Joseph Tampico, of Maryland, B.E. The Johns Hopkins University, 1937. Electrical Engineering.
Measurement of contact resistance.

(5)

MASTERS OF SCIENCE IN HYGIENE

WITH TITLES OF THESES

Clara Elizabeth Councell, of Maryland, A.B. Goucher College 1927. Biostatistics.

Past hospital experience of a surviving population, Eastern Health District, Baltimore, 1926-35.

(2)

Charlotte Marian Root, of Maryland, A.B. Ohio Wesleyan University 1934. Bacteriology.

Diphtheria immunization simultaneously active and passive in guinea pigs.

DOCTORS OF SCIENCE IN HYGIENE

WITH TITLES OF DISSERTATIONS

Esther Peterson Daniel, of Maryland, S.B. Iowa State College 1923; S.M. 1924. Biochemistry.

The possible biological significance of vanadium.

Grace Eldering, of Michigan, A.B. University of Montana 1927. Immunology.

Polysaccharides obtained from *Brucella bronchiseptica,* the para-pertussis bacillus, and *Hemophilus pertussis,* and their immunological relationships.

Elmer Charles Herber, of Pennsylvania, A.B. Ursinus College 1925; A.M. University of Pennsylvania 1929. Helminthology.

The life histories of three monostomes of the genus *Notocotylus* (Notocotylidae, Trematoda).

Emil Kotcher, of New Jersey, A.B. Wesleyan University 1937; A.M. 1938. Helminthology.

Studies on filarioid nematodes of frogs.

Evelyn Abrams Mauss, of New York, A.B. University of Minnesota 1936. Helminthology.

Studies on the immunology and life history of *Trichinella spiralis.*

(5)

MASTERS OF PUBLIC HEALTH

Samuel Dudleston Allison, of Oregon, A.B. Gooding College 1932; M.D. University of Oregon 1936.

Will Henry Aufranc, of Missouri, A.B. University of Missouri 1930; S.B. 1931; M.D. Medical College of Virginia 1933.

Anne Magdalen Bahlke, of New York, A.B. Goucher College 1925; M.D. The Johns Hopkins University 1936.

Harry Edward Barnes, of Oklahoma, S.B. University of Oklahoma 1935; M.D. 1935.

Jon Bjornsson, of Norway, M.D. University of Oslo 1936.

Paul Webster Bowden, of Virginia, S.B. University of Cincinnati 1937; M.B. 1937; M.D. 1938.

Elizabeth Wallace Brackett, of New York, S.B. Simmons College 1927; A.M. Teachers College, Columbia University 1940.

Irmel Willis Brown, of Michigan, A.B. Albion College 1919; M.D. University of Michigan 1925.

Marcolino Gomes Candau, of Brazil, B.Sc. e Lett. Pedro II College 1926; M.D. Faculty of Medicine, Rio de Janeiro 1933.

Charles Milton Carpenter, of New York, D.V.M. Cornell University 1917; S.M. 1918; Ph.D. 1921; M.D. University of Rochester 1933.

Almir Godofredo de Almeida e Castro, of Brazil, B.Sc.e Lett. Aldridge College 1925; M.D. University of Brazil 1931.

Curtis Rives Chaffin, of Texas, M.D. University of Texas 1933.

Albert Lyon Chapman, of New York, A.B. Cornell University 1929; M.D. Long Island College of Medicine 1937.

Clifford Clayton Corkill, of Michigan, Ph.G. South Dakota State College 1916; S.B. University of Chicago 1922; M.D. 1925.

Walter Thomas Davis, of Alabama, S.B. Davidson College 1927; M.D. Vanderbilt University 1934.

William North Dawson, of Tennessee, M.D. University of Louisville 1936.

John Alden Degen, Jr., of New York, A.B. Princeton University 1929; M.D. Harvard University 1933.

James Edward Dehne, of Oregon, S.B. University of North Dakota 1935; M.D. University of Oregon 1937.

Wilbur George Downs, of New York, A. B. Cornell University 1935; M.D. 1938.

Edgar Jesse Easley, of Arkansas, S.B. University of Arkansas 1929; M.D. 1931.

John Nathan Eisman, of Ohio, A.B. Harvard University 1933; M.D. 1938.

Floyd Gilbert Estridge, of Kentucky, M.D. University of Tennessee 1932.

Stanford Franklin Farnsworth, of California, A.B. University of California 1928; M.D. College of Medical Evangelists 1934.

Luke Wright Frame, of Tennessee, S.B. West Virginia University 1924; M.D. University of Chicago 1930.

Winton Elizabeth Gambrell, of Georgia, A.B. Randolph Macon Woman's College 1925; S.M. Emory University 1931; Ph.D. University of Chicago 1937.

William Yates Garrett, of Virginia, A.B. University of Richmond 1932; M.D. Medical College of Virginia 1936.

Merritt Logan Gentry, of Missouri, A.B. Baylor University 1934; M.D. 1934.

Walvin Roland Giedt, of South Dakota, S.B. University of South Dakota 1933; M.D. University of Chicago 1937.

Vida Hildreth Gordon, of Michigan, A.B. Smith College 1928; M.D. University of Chicago 1934.

Fred Otto Graeber, of South Dakota, S.B. University of Minnesota 1937; M.B. 1938; M.D. 1939.

Harald Martin Graning, of Minnesota, S.B. University of Minnesota 1936; M.B. 1937; M.D. 1938.

Willard Wilson Griggs, of Virginia, S.B. Wake Forest College 1933; M.D. Temple University 1937.

Frank Marion Hall, of Alabama, M.D. University of Tennessee 1933.

Ferdinand Rudolph Hassler, of Oklahoma, S.B. Oklahoma Agricultural and Mechanical College 1923; M.D. University of Oklahoma 1937.

Andrew Hedmeg, of Mississippi, A.B. Ohio State University 1931; M.D. 1936.

Gerald August Heidbreder, of California, A.B. University of California 1928; M.D. 1932.

Roy Hertz, of New York, A.B. University of Wisconsin 1930; Ph.D. 1933; M.D. 1939.

Edgar Bernard Johnwick, of the District of Columbia, S.B. University of Florida 1930; M.D. Harvard University 1937.

John Addison Kahl, of Washington, M.D. University of Nebraska 1935.

Herbert Richard Kobes, of Maine, A.B. Harvard University 1926; M.D. 1930.

Manly Frost Langston, of Tennessee, A.B. Howard College 1920; M.D. Tulane University 1926.

Harold Levi Lawrence, of Ohio, S.B. Ohio State University 1929; M. D. 1931.

Mason Glynn Lawson, of Arkansas, M.D. University of Arkansas 1936.

Ford John Macpherson, of Louisiana, M.B. Louisiana State University 1936; M.D. 1937.

Berwyn Fay Mattison, of New York, S.B. Rensselaer Polytechnic Institute 1930; A.M. University of California 1932; M.D., C.M. McGill University 1936.

Clayton Fay Mayo, of Kentucky, S.B. University of Louisville 1933; M.S.P.H. University of Kentucky 1940.

John Glen McNiel, of Virginia, A.B. Carson-Newman College 1928; M.D. Vanderbilt University 1932.

Terry Seaton Montague, of New York, M.D. Syracuse University 1930.

Juan Antonio Montoya-Ochoa, of Colombia, Ph.B. University of Antioquia 1925; M.D. 1933.

Frank Andrew Moore, of Tennessee, A.B. Vanderbilt University 1928; M.D. 1931.

James Wilber Moreland, of California, M.D. University of Illinois 1931.

Harcourt Alexander Morgan, Jr., of Tennessee, A.B. University of Tennessee 1931; M.D. 1933.

Vance Frederick Morgan, of Oklahoma, S.B. University of Oklahoma 1934; M.D. 1934.

Benjamin Olivier Morrison, of Louisiana, M.D. Tulane University 1934.

Carlos Ortiz-Mariotte, of Mexico, M.D. University of Guadalajara 1926.

Amador Pascual Pahati, of the Philippine Islands, A.A. University of the Philippines 1932; M.D. 1937; C.P.H. 1938.

Trinidad Pedro Pesigan, of the Philippine Islands, A.A. University of the Philippines 1928; M.D. 1933; C.P.H. 1934.

Thomas Burdell Phinizy, of Georgia, S.B. University of Georgia 1923; M.D. 1928.

Franklin Harris Reeder, of West Virginia, A.B. University of Pennsylvania 1925; M.B., Ch.B. University of Edinburgh 1932.

Arthur Michael Rubin, of New York, S.B. Columbia University 1931; M.D. St. Louis University 1934.

Edward Ralph Schlesinger, of New York, A.B. Columbia University 1930; M.D. 1934.

Guy Robert Scott, of Alabama, S.B. Missouri School of Mines and Metallurgy 1924.

James Thomas Speros, of Oregon, A.B. University of Oregon 1931; M.D. 1934.

Joseph Harding Stickler, of Nevada, A.B. Yale University 1921; M.D. Temple University 1930; D.T.M. & H. London School of Hygiene and Tropical Medicine 1933.

Joseph William Still, of Maryland, M.D. University of Nebraska 1936.

William Joseph Sullivan, of Missouri, A.B. St. Louis University 1923; M. D. 1929.

John Coleman Talbot, of California, A.B. University of California 1935; M.D. 1939.

Alice Berg Tobler, of Switzerland, M.D. University of Geneva 1937.

Ts'un T'ung, of China, S.B. Yenching University 1930; M.D. Peiping Union Medical College 1934.

William Elwyn Turner, of California, A.B. Chico State College 1930; M.D. University of California 1938.

Hernán Urzúa, of Chile, M.D. University of Chile 1937.

Guillermo Vásquez, of Louisiana, B.A.S. National Institute of Honduras 1928; M.D. Tulane University 1936.

Thomas Oscar Vinson, of Georgia, S.B. University of Georgia 1931; M.D. 1935.

Raymond Eugene Wehr, of Kentucky, S.B. University of Cincinnati 1930; M.B. 1931; M.D. 1932.

Hugh Lyon Clements Wilkerson, of Virginia, S.B. Hampden-Sydney College 1927; M.D. Medical College of Virginia 1933.

Ford Smith Williams, of Louisiana, A.B. Mississippi College 1930; M.D. Louisiana State University 1934.

Mose Clarke Woodfin, of Tennessee, A.B. Vanderbilt University 1931; M.D. 1934.

DOCTORS OF PUBLIC HEALTH

WITH TITLES OF THESES

THOMAS HOYT DISEKER, of South Carolina, A.B. Wofford College 1933; M.D. Vanderbilt University 1937; M.P.H. The Johns Hopkins University 1940. Venereal Diseases.

Long term results in the treatment of latent syphilis.

THOMAS DAVID DUBLIN, of New York, A.B. Dartmouth College 1932; M.D. Harvard University 1936; M.P.H. The Johns Hopkins University 1940. Epidemiology.

A study of the incidence and prevalence of rheumatic disease with particular reference to the Eastern Health District of Baltimore.

S. LLOYD JOHNSON, of Maryland, A.B. Goshen College 1914; M.D. The Johns Hopkins University 1918; LL.B. University of Maryland 1932; M.P.H. The Johns Hopkins University 1940. Filterable Viruses.

Experimental prophylaxis of rabies in mice, by chemical injection and X-ray therapy.

ROBERT FULTON KORNS, of New York, A.B. Dartmouth College 1934; M.D. The Johns Hopkins University 1937. Epidemiology.

Tuberculosis in the Eastern Health District. A study of the reported cases of tuberculosis and their family contacts.

FREDERICK ROBERT LANG, of Pennsylvania, S.B. University of Pennsylvania 1927; M.D. 1931; M.P.H. The Johns Hopkins University 1939. Epidemiology.

A ten year study of gonorrhea in the United States Navy (1929-1938 inclusive).

PAUL HUSTON STEVENSON, of Missouri, S.B. Hiram College 1913; M.D. Washington University 1916; A.M. Western Reserve University 1923; M.P.H. The Johns Hopkins University 1940. Public Health Administration.

Early psychiatric contact with individuals later becoming psychotic.

THOMAS GREYDON WARD, of Louisiana, M.D. Baylor University 1935; M.P.H. The Johns Hopkins University 1940. Bacteriology.

Studies on the bacteriology and epidemiology of leptospiral jaundice.

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DOCTORS OF MEDICINE

ROBERT LAURIE ALLEN, of Maine, A.B. University of Maine 1937.

ROBERT AUSTRIAN, of Maryland, A.B. The Johns Hopkins University 1937.

ROBERT LEE BAKER, of North Dakota, A.B. University of North Dakota 1937.

DAVID JOSEPH BARTON, of Massachusetts, A.B. University of Alabama 1937.

WILLIAM GLADSTONE BEADENKOPF, of Maryland, A.B. The Johns Hopkins University 1937.

WILLIAM ROLAND BETHEA, JR., of Mississippi, S.B. Southwestern College 1937.

SAMUEL BOJAR, of Rhode Island, A.B. Brown University 1936; M.A. University of Rochester 1937.

FRANCIS PIERRE CHINARD, of New Jersey, A.B. University of California 1937.

CHRISTIAN VIRGIL CIMMINO, of New Jersey, A.B. Harvard College 1937.

COLEMAN CITRET, of New Jersey, A.B. Lehigh University 1937.

HARLEY ERNEST CLUXTON, JR., of Tennessee, A.B. Washington and Lee University 1937.

ERNEST SAMUEL CROSS, JR., of Maryland, A.B. The Johns Hopkins University 1937.

DEAN KNEELAND CRYSTAL, of Washington, S.B. University of Washington 1936; A.B. Oxford University 1938.

ANTHONY STEVEN FELSOVANYI, of Maryland, University of Vienna 1934-1938.

HAMILTON RODELL FISHBACK, JR., of Illinois, S.B. University of Illinois 1936, M.S. 1937.

BRUCE JOHNSTON FRANZ, of Maryland, A.B. Hampden-Sydney College 1936, B.S. 1937.

JOHN BALL FRERICHS, of Missouri, A.B. Washington University 1936.

ANNE ELIZABETH FULCHER, of the District of Columbia, A.B. University of Wisconsin 1937.

EMIL JOSEPH GANEM, of Massachusetts, A.B. Harvard College 1937.

SIDNEY RICHARD GLADSTEIN, of Maryland, A.B. The Johns Hopkins University 1937.

HAROLD MURRAY GOLDSTEIN, of New York, A.B. The Johns Hopkins University 1937.

WILLARD ELMER GOODWIN, of California, A.B. University of California 1937.

ASHER TOBIAS GORDON, of Ohio, A.B. Ohio State University 1936.

ROGER LOUIS GREIF, of Maryland, S.B. Haverford College 1937.

RANDOLPH PERCIFULL GRIMM, of Washington, A.B. Princeton University 1937.

ERNEST MATSNER GRUENBERG, of New York, A.B. Swarthmore College 1937.

Milton Gusack, of the District of Columbia, A.B. The Johns Hopkins University 1937.

Joseph Henry Hafkenschiel, Jr., of Ohio, A.B. Swarthmore College 1937.

Seymour Putterman Halbert, of New York, A.B. University of North Carolina 1937.

Alastair Davidson Hall, of Louisiana, A.B. Louisiana College 1936.

Francis Woodrow Helfrick, of Pennsylvania, S.B. Juniata College 1937.

Charles Carey Joseph Herbert, of New York, A.B. The Johns Hopkins University 1934.

Frank Hinman, Jr., of California, A.B. Stanford University 1937.

James Ellicott Tyson Hopkins, of Maryland, A.B. The Johns Hopkins University 1937.

Harriot Habersham Hunter, of Georgia, A.B. Randolph-Macon Woman's College 1937.

Robert Todd Hyde, of Alabama, A.B. Syracuse University 1937.

Frank Kazuo Inui, of California, A.B. University of California at Los Angeles 1937.

Herman Alexander Iverson, of Minnesota, A.B. Concordia College 1937.

Elliott Louis Jaques, of Maryland, A.B. University of Toronto 1937, A.M. 1938.

Shiras Morris Jarvis, of West Virginia, A.B. West Virginia University 1937.

Clay Henry Johnson, of Louisiana, S.B. Centenary Coltenary College of Louisiana 1937.

Floyd Katske, of New York, A.B. The Johns Hopkins University 1937.

Frank Wilson Kibbe, of Connecticut, S.B. Bowdoin College 1937.

Cyrus Paul Klein, of New Jersey, A.B. University of Michigan 1937.

Frederick Theodore LaRochelle, of Massachusetts, A.B. University of North Carolina 1937.

William Leslie MacVane, Jr., of Maine, A.B. Williams College 1937.

Paul Mattman, of Maryland, A.B. Columbia University 1936.

Morton McMichael, of Maryland, A.B. Harvard College 1933.

Eugene Meyer, III, of the District of Columbia, A.B. Yale College 1937.

Margaret Hofrichter Nickson, of Maryland, A.B. Transylvania College 1936.

George Saxon Palmer, of Florida, S.B. University of Florida 1937.

Charles Rawlinson Park, of Maryland, A.B. Harvard College 1937.

Mordant Emory Peck, of Michigan, S.B. University of Michigan 1937.

Charlotte Townsend Peirce, of Virginia, A.B. Bryn Mawr College 1937.

Bernard Doave Pinck, of New Jersey, A.B. The Johns Hopkins University 1937.

Myrick Whiting Pullen, Jr., of Maryland, A.B. The Johns Hopkins University 1937.

Leland Bracher Ransom, of New Jersey, S.B. Rutgers University 1936.

Robert Salomon Reiss, of Maryland, University of Vienna 1934-1938.

Katherine Kempner Rice, of the District of Columbia, A.B. University of Colorado 1926, M.S. 1928; Sc.D. The Johns Hopkins University 1930.

Harold Sidney Sandhaus, of Pennsylvania, S.B. Franklin and Marshall College 1937.

Edward C. H. Schmidt, Jr., of Pennsylvania, S.B. University of Pittsburgh 1935, M.S. 1936, Ph.D. 1937.

Paul Jean Schneider, of California, S.B. California Institute of Technology 1936.

Clarence Frederick Schubert, of Missouri, A.B. University of Missouri 1927.

Marshall Everett Smith, of Florida, S.B. University of Florida 1932, M.S. 1935, Ph.D. 1936.

John Roger Steeper, of Kansas, A.B. The Johns Hopkins University 1937.

Walter Alexander Stewart, of New Jersey, A.B. Dartmouth College 1936.

Edmund Rhett Taylor, of North Carolina, A.B. University of North Carolina 1937.

Luvia Succop Taylor, of Pennsylvania, A.B. Mount Holyoke College 1937.

Henry Muir Thelen, of California, A.B. University of California 1937.

Marshall Raymond Urist, of Michigan, S.B. University of Michigan 1936; M.S. University of Chicago 1937.

John Derrick Wilsey, III, of Maryland, A.B. Princeton University 1935.

Jerry Philip Woodhall, of New Jersey, A.B. Williams College 1937.

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MASTERS OF ARTS

WITH TITLES OF ESSAYS

Dorothea Louise Baker, of Maryland, A.B. Wellesley College 1939. Physics.

Deviations from normal triplet structure in atoms of configuration sp.

Marcia Mann Cooper, of Maryland. Psychology.

Intelligence test performances of epileptic children and non-epileptic members of their families.

Herbert Grossberg, of Illinois, A.B. University of Chicago 1934. Archaeology and Art.

The influence of the Pantheon and its relation to domed buildings in the history of architecture.

Marritt Lionel Kronberg, of Maryland. Chemistry.

The crystal structure of hydrazinium difluoride.

Clyde Franklin Reed, of Maryland, A.B. Loyola College 1938. Plant Physiology.

A study of the relations of seed germination to time, temperature and submergence.

Hilda Rothschild Rosenblatt, of Maryland, B.S. The Johns Hopkins University 1934. Romance Languages.

War plays written in France between 1915 and 1939.

Samuel Benjamin Steinberg, of Maryland, A.B. The Johns Hopkins University 1939. Zoology.

The effects of crowding and biologically conditioned medium upon the regeneration of Euplanaria dorotocephala.

Charles Grady Wilber, of Wisconsin, B.S. Marquette University 1938. Zoology.

The cytology of Pelomyxa carolinensis.

James McNair Wolf, Jr., of Kansas, B.S. Kansas State College 1938. Plant Physiology.

Soil moisture condition at the onset of permanent wilting and a general empirical expression for the relation of the water-supplying power of a soil and its current moisture content.

Kathryn Mary Zimmerman, of Pennsylvania, A.B. Wilson College 1938. Romance Languages.

The controversy between prose and poetry in the eighteenth century in France.

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DOCTORS OF PHILOSOPHY

WITH TITLES OF DISSERTATIONS

Erich August Gottlieb Albrecht, of Maryland, A.B. Midland College 1934; B.D. Wittenberg College 1934; S.T.M. 1935; M.A. University of Nebraska 1936. German.

Primitivism and related ideas in eighteenth century German lyric poetry (1680-1740).

Reuben A. Baer, of Maryland, B.S. The Johns Hopkins University, 1934, M.A. 1937. Psychology.

The relationship between rate of learning and retention in several motor activities.

Leo Herman Theodore Bernstein, of New Jersey, B.S. Rutgers University 1938. Bacteriology.

The genus Proteus: a morphological, cultural and serological study.

Harrison Scott Brown, of California, B.S. University of California 1938. Chemistry.

Part I. The construction of a mass spectrometer for isotope analysis. Part II. Intermolecular forces in gases and thermal diffusion: the thermal diffusion coefficient of argon at low temperatures.

William Frederick Brucksch, Jr., of Maryland. Chemistry.

The measurement of radiant energy by superconductors.

Gershon A. Churgin, of New York, B.S. Columbia University 1930; M.A. 1930. Philosophy.

Royce's Theory of Knowledge, an Analytical Exposition.

James Norman Dent, of Tennessee, A.B. University of Tennessee 1938. Zoology.

The embryonic development of Plethodon cinereus as correlated with the development and functioning of the thyroid and pituitary glands.

Charles Edward Gauss, of the District of Columbia, B.A. Georgetown University 1932; M.A. 1933. Philosophy.

The aesthetic theories of French artists, 1855 to the present.

Elsa Rose Graser, of Maryland, A.B. Goucher College 1929. Latin.

The economic significance of the edict of Diocletian on maximum prices.

Joseph Burnham Gray, of Maryland, A.B. St. Johns College 1936. Chemical Engineering.

The hydrogenation of some olefines on iron catalysts.

Philip Newton Hambleton, of Kansas, B.S. Washburn College 1931; M.A. University of Kansas 1933. Physics.

The calibration and use of the piezoelectric ultramicrometer.

Howard Laverne Hamilton, of Iowa, A.B. University of Iowa 1937. Zoology.

I. A study of the physiological properties of melanophores with special reference to their role in feather coloration. II. Influence of adrenal and sex hormones on the differentiation of melanophores in the chick.

Benjamin Louis Harris, of Maryland, B.E. The Johns Hopkins University 1938. Chemical Engineering.

Adsorption of vapors by solids.

Charles Clifford Hassett, of New York, A.B. University of Buffalo 1938. Zoology.

The effect of dyes on response to light in Peranema trichophorum.

F. Stansbury Haydon, of Maryland. History.

Aeronautics in the American Civil War.

James Clay Hunt, of Kentucky, A.B. University of Kentucky 1934; M.A. 1935. English.

The beginnings of the neo-classic movement in Elizabethan poetry.

Henry R. Joesting, of Alaska, B.S. in Chemistry, The Johns Hopkins University 1923. Geology.

Resistivity Studies in Alaska.

John Kasper, Jr., of New Jersey, A.B. The Johns Hopkins University 1937. Chemistry.

The ionization constants of hydrated-ion acids.

Frank Caleb Kelton, Jr., of Arizona, B.S. University of Arizona 1936. Chemistry.

New mixed oxide catalysts for the decomposition of methanol.

Robert Samuel Kinsey, of Ohio, A.B. Wittenberg College 1938. Archaeology and Art.

The bovine elements in Greek art and literature.

Albert Pierce Kline, of Maryland, A.B. Western Maryland College 1937. Zoology.

The amino acids necessary for growth in Colpidium striatum Stokes.

Marion Candler Lazenby, of Alabama, A.B. Birmingham-Southern College 1929; A.M. Vanderbilt University 1933. German.

The influence of Wieland and Eschenburg on Schlegel's Shakespeare translation.

John Porter Marbarger, of Pennsylvania, B.S. Lebanon Valley College 1938. Zoology.

Growth and rate of reproduction of Colpidium striatum with special reference to the production of a growth substance.

Alexander Nelson DeArmond Marchant, of the District of Columbia, A.B. National University 1931; M.A. American University 1933. History.

The economic relations of Portuguese and Indians in the settlement of Brazil, 1500-1580.

Francis Nicholas Marzulli, of New Jersey, B.S. St. Peter's College 1937, M.A. The Johns Hopkins University 1940. Zoology.

The effects of hydrogen-ion concentration upon the metamorphic pattern of thyroxin- and iodine-treated tadpoles.

Edgar deNoailles Mayhew, of New Jersey, B.A. Amherst College 1935. Archaeology and Art.

English Baroque.

Leo Paul McCauley, S.J., of Massachusetts, M.A. Boston College 1932. Latin.

The value of accuracy of Porphyrio.

John Jacob Mitchell, of Massachusetts. Chemistry.

Part I. An experimental determination of the electron affinity of chlorine. Part II. The isotopic constitution of cobalt.

John Patrick O'Brien, C.S.V. of Illinois, B.S. University of Illinois 1935. Zoology.

Regeneration in the fragmenting oligochaete, Nais paraguayensis, with particular reference to its cellular basis and the effects of x-radiation thereon.

Catharine Walsh Peltz, of New York, B.A. New York State College for Teachers 1932. English.

The neo-classic lyric.

William Delcamp Pendell, of Ohio, M.A. George Washington University 1938. Romance Languages.

Victor Hugo's acted dramas and the contemporary press.

Bernice Frances Pierson, of Maryland, A.B. Western Reserve University 1928; M.A. The Johns Hopkins University 1937. Zoology.

A comparative morphological study of several species of Euplotes closely related to Euplotes patella.

Curt C. Porter, of Maryland, B.S. Texas Agricultural and Mechanical College 1936. Physiological Chemistry.

Equilibria in systems containing iron coproporphyrin I.

Edward Lawrence Powers, Jr., of Maryland, B.S. College of Charleston 1938. Zoology.

The mating types of double animals containing genotypically different nuclei in a common cytoplasm in Euplotes patella.

Thomas Harold Quigley, S.J., of Massachusetts, A.B. Boston College 1919; A.M. Woodstock College 1925. Physics.

An experimental determination of the velocity of sound in dry CO_2-free air and methane at temperatures below the ice-point.

Paul Reich, of Virginia, B.A. College of the City of New York 1929; M.A. Teachers College, Columbia University 1938. Oriental Seminary.

Psychological observations in the Talmud and Midrash with parallels from the writings of Aristotle.

Lawrence John Reimert, of Pennsylvania, B.S. Muhlenberg College 1932. Physics.

Photoelectric properties of metals in a finely divided state.

Herbert Alfred Frederick Rodeck, of Illinois, A.B. George Washington University 1933; M.A. 1934. German.

Das Adjektiv in den Gesammelten Gedichten Gottfried Kellers.

Walter Herman Carl Rueggeberg, of Maryland. Chemistry.

Studies on the carbides of magnesium.

Alexander Marion Saunders, of Florida, B.S. Alabama Polytechnic Institute, 1922; M.S. 1925; M.A. University of Illinois 1928. English.

In Search of the landscape; English travels in the British Isles from 1760 to 1810.

Nis Hansen Skau, of Maryland, M.Chem.Engr. Royal Technical College, Copenhagen, 1923. Chemical Engineering.

Catalytic hydrogenation of benzene and the Balandin hypothesis.

Henry Sonneborn, III, of Maryland, A.B. The Johns Hopkins University 1938. Chemistry.

Divalent nitrogen, II.

Richard Munn Suffern, of New York, A.B. Haverford College 1935. Greek.

The treatment of evidence in extant Greek tragedy.

Thomas Capell Walker, of Tennessee, A.B. Vanderbilt University 1925; M.A. Indiana University 1927. Romance Languages.

Chateaubriand's Descriptions of Natural Scenery.

John David Zimmerman, of Ohio, B.Ph. Kenyon College 1929; B.D. Bexley Hall 1929; M.A. The Johns Hopkins University 1937. Oriental Seminary.

The prophecy of Habakkuk. A study and critical commentary.